

Partial Translation of Japanese Patent Publication No. 54-36441

Date of Publication: November 9, 1979

Application No. 47-109477

Filing date: November 2, 1972

Laid-Open Patent Publication No. 49-67502

Date of Laid-Open: July 1, 1974

Applicant: Nobu Shimizu

Inventor: Nobu Shimizu

Title of the Invention:

A safety personal ornament for shielding microwave and a method for producing the same

Claims:

1. A safety personal ornament for shielding microwave, which is obtained by forming a nonpolar superconductive rubber coating membrane on a surface of fabric and textiles made of knitting and woven fabrics of a nonpolar fiber by a ripping method or a glue coating method using a nonpolar liquid superconductive rubber having 10^{-2} Ωcm or less of volume resistivity.

2. A method for producing a safety personal ornament for shielding microwave according to claim 1 comprising:

adding 10 to 20 parts by weight of crosslinker Catalyst RG, 200 to 300 parts by weight of silver powder (determined by precipitation method, reduction method, or electrolytic method), and 20

to 100 parts by weight of toluol to 100 parts by weight of liquid silicone rubber to give a mixture,

stirring, mixing and dispersing homogeneously the mixture to give a flexible and nonpolar liquid superconductive rubber having 10^{-2} Ωcm or less of volume resistivity, and

forming a superconductive rubber membrane on a fabric and textiles made of knitting and woven fabrics of a nonpolar fiber by a ripping method or a glue coating method using the nonpolar liquid superconductive rubber to give a complex.